

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-594 REV. D OR EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-594 REV. 3 OR EARLIER

REF CANADIAN STC: SH03-6  
REF FAA STC: SR01742NY  
REF EASA STC: EASA.IM.R.S.01198

## PURPOSE:

The required spacing between the supports for installation of crosstubes on 214B/B-1 model aircraft is different than the spacing for 205/212 model aircraft. Additional installations are available from Dart with supports positioned for compatibility with 214 aircraft. The supports on existing Dart D205-596-101/-103/-105/-107 crosstubes must be repositioned before installation on 214 aircraft.

## CHANGE:

The following crosstube installations are available from Dart for the 214B/B-1 model aircraft:

QTY -011B	QTY -013B	Part Number	Description	Equivalent 205/212 Kit
X		D205-594-011B	EXTENDED HEIGHT LANDING GEAR KIT, (39", 214)	D205-594-011
	X	D205-594-013B	EXTENDED HEIGHT LANDING GEAR KIT, (31", 214)	D205-594-013
1		D205-596-101B	CROSSTUBE ASSEMBLY, HI HI FWD (214)	D205-596-101
1		D205-596-103B	CROSSTUBE ASSEMBLY, HI HI AFT (214)	D205-596-103
	1	D205-596-105B	CROSSTUBE ASSEMBLY, HI HI FWD (214)	D205-596-105
	1	D205-596-107B	CROSSTUBE ASSEMBLY, HI HI AFT (214)	D205-596-107

The D205-596-101B/-103B/-105B/-107B are the same as the equivalent crosstubes listed in the table above. However, the spacing of the supports is narrower to accommodate 214 model aircraft, as illustrated in Figure 1 of this service instruction. The new kits are otherwise installed, maintained, and have identical replacement parts lists per their equivalent crosstubes in Installation Instructions IIN-D205-594 and Instructions for Continued Airworthiness ICA-D205-594. All statements in FMS-D214-594 that apply to the D205-594-011/-013 landing gears are also applicable to D205-594-011B/-013B landing gears.

Dart D205-596-101/-103/-105/-107 crosstubes may also be installed on 214B/B-1 model aircraft. To install on 214 aircraft, the supports on the -101/-103/-105/-107 crosstubes must be repositioned per the following procedure:



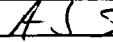


- 1) Remove the supports per section 32.3 of ICA-D205-594.
- 2) Reinstall the supports per section 32.4 of ICA-D205-594. However, locate the supports with the vertical face 13.75" (349mm) from the crosstube center as shown in Figure 1 of this service instruction.
- 3) The crosstubes should otherwise be installed and maintained per Installation Instructions IIN-D205-594 and Instructions for Continued Airworthiness ICA-D205-594.
- 4) If the modified crosstubes or D205-596-101B/-103B/-105B/-107B crosstubes are to be installed on 205/210/212/UH-1 model aircraft, reinstall the crosstube supports with the vertical face 14.00" (356mm) from the crosstube center, as indicated in ICA-D205-594.

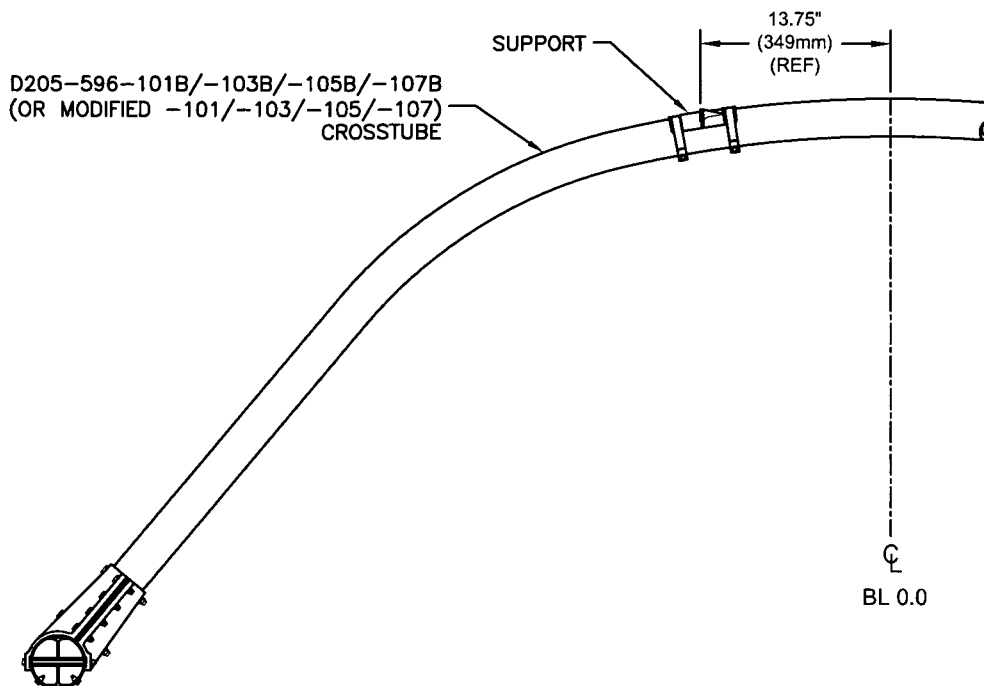
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

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CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9455	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		CROSSTUBE INSTALL ON 214 A/C	NTS
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**FIGURE 1 - SUPPORT INSTALLATION**

(214B/B-1 AIRCRAFT ONLY)

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MFG. APPR.	N/A	DSI 9455	SHEET 2 OF 2
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